

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A telephone set comprising:

a connection means to execute a connecting process for enabling transmission and reception of an information signal by radio communication to and from a at least one of a plurality of home appliance appliances which ~~supports~~ support audio transmission or reception by ~~said~~ radio communication and is are remote-controllable by ~~said~~ a single radio communication control protocol ;

a control means for generating, upon arrival of an incoming call, a remote control signal to ~~said~~ the at least one home appliance; and

a radio communication means for sending the remote control signal to ~~said~~ the at least one home appliance by radio communication;

~~wherein said radio communication means is simultaneously operable in at least two different frequency bands; and~~

wherein ~~said~~ the radio communication means is operable to receive a confirmation signal ~~in one frequency band~~ from ~~said~~ the at least one home appliance indicating that ~~said~~ the at least one home appliance has received ~~said~~ the remote control signal.

2. (Currently Amended) The telephone set according to claim 1, wherein ~~said~~ the radio communication is and the single control protocol are the Bluetooth communication and control protocols.

3. (Currently Amended) The telephone set according to claim 1, wherein ~~said~~ the remote control signal serves to stop the audio output of ~~said~~ the at least one home appliance under control.

4. (Currently Amended) The telephone set according to claim 1, wherein ~~said~~ the connection means executes a connecting process in advance and the connection is maintained or reestablished periodically so as to enable fast transmission and reception of the information signal to and from ~~said~~ the at least one home ~~appliance~~ appliance without having to reestablish the connection before transmitting a remote control signal or audio data.

5. (Currently Amended) The telephone set according to claim 1, wherein ~~said~~ the connection means executes a connecting process upon arrival of an incoming call so as to enable transmission and reception of the information signal to and from ~~said~~ the at least one home appliance.

6. (Currently Amended) The telephone set according to claim 1, wherein ~~said~~ the connection means releases the connection with ~~said~~ the at least one home appliance upon termination of the call.

7. (Currently Amended) The telephone set according to claim 1, wherein ~~said~~ the control means simultaneously generates, upon arrival of an incoming call, the remote control signal to a the plurality of ~~said~~ home appliances.

8. (Currently Amended) The telephone set according to claim 1, further comprising a control signal acquisition means to acquire the remote control signal in advance from ~~said~~ the at least one home appliance.

9. (Original) The telephone set according to claim 3, wherein the control for stopping the audio output is a function to pause the playing operation.

10. (Original) The telephone set according to claim 3, wherein the control for stopping the audio output is a sound mute function.

11. (Currently Amended) The telephone set according to claim 3, wherein the remote control signal further serves to execute another control for sending an incoming-call notice to ~~said~~ the at least one home appliance, wherein audio data for the notice is generated by the telephone set and reproduced by the home appliance.

12. (Currently Amended) The telephone set according to claim 3, wherein ~~said~~ the control means further executes, upon termination of the call, a control action for resuming the audio output of ~~said~~ the at least one home appliance.

13. (Currently Amended) A communication adaptor installable in a telephone set, comprising:

a connection means to execute a connecting process for enabling transmission and reception of an information signal by radio communication to and from a at least one of a plurality of home appliance appliances which ~~supports~~ support audio transmission or reception by ~~said~~ the remote communication and ~~is~~ are remote-controllable by ~~said~~ a single radio communication control protocol;

a control means for generating, upon arrival of an incoming call, a remote control signal to ~~said~~ the at least one home appliance; and

a radio communication means for sending the remote control signal to ~~said~~ the at least one home appliance by the radio communication;

~~wherein said radio communication means is simultaneously operable in at least two different frequency bands; and~~

wherein ~~said~~ the radio communication means is operable to receive a confirmation signal ~~in one frequency band~~ from ~~said~~ the at least one home appliance indicating that ~~said~~ the at least one home appliance has received ~~said~~ the remote control signal.

14. (Currently Amended) A home appliance control method comprising the steps of:

enabling transmission and reception of an information signal by radio communication to and from a at least one of a plurality of home appliance appliances which ~~supports~~ support audio transmission or reception by ~~said~~ the radio communication and is are remote-controllable by a radio communication means using a single control protocol;

generating, upon arrival of an incoming call, a remote control signal to ~~said~~ the at least one home appliance;

sending the remote control signal to ~~said~~ the at least one home appliance by radio communication; and

receiving a confirmation signal ~~in one frequency band~~ from ~~said~~ the at least one home appliance indicating that ~~said~~ the at least one home appliance has received ~~said~~ the remote control signal;

~~wherein said radio communication means is simultaneously operable in at least two different frequency bands.~~

15. (Currently Amended) The home appliance control method according to claim 14, wherein ~~said~~ the radio communication is and the single control protocol are the Bluetooth communication and control protocols.

16. (Currently Amended) The home appliance control method according to claim 14, wherein the audio output of ~~said~~ the at least one home appliance is stopped under control by ~~said~~ the remote control signal.

17. (Currently Amended) The home appliance control method according to claim 14 wherein, at ~~said~~ the connection processing step, the connecting process is executed in advance and the connection is maintained or reestablished periodically so as to enable fast transmission and reception of the information signal to and from ~~said~~ the at least one home appliance appliance without having to reestablish the connection before transmitting a remote control signal or audio data.

18. (Currently Amended) The home appliance control method according to claim 14 wherein, at ~~said~~ the connection processing step, the connecting process is executed upon arrival of an incoming call so as to enable transmission and reception of the information signal to and from ~~said~~ the at least one home appliance.

19. (Currently Amended) The home appliance control method according to claim 14, further comprising a connection releasing step for releasing the connection with ~~said~~ the at least one home appliance upon termination of the call.

20. (Currently Amended) The home appliance control method according to claim 14 wherein, at ~~said~~ the remote control signal generating step, the remote control signal is simultaneously generated, upon arrival of an incoming call, to a the plurality of ~~said~~ home appliances.

21. (Currently Amended) The home appliance control method according to claim 14 wherein, at ~~said~~ the remote control signal generating step, the remote control signal is acquired in advance from ~~said~~ the at least one home appliance.

22. (Original) The home appliance control method according to claim 16, wherein the control for stopping the audio output is a control to pause the playing operation.

23. (Original) The home appliance control method according to claim 16, wherein the control for stopping the audio output is a control to mute the sound.

24. (Currently Amended) The home appliance control method according to claim 16, wherein the remote control signal further serves to execute another control for sending an incoming-call notice tone to ~~said~~ the at least one home appliance, wherein audio data for the notice is received and reproduced by the at least one home appliance.

25. (Currently Amended) The home appliance control method according to claim 16, wherein the remote control signal further serves to execute, upon termination of the call, another control for resuming the audio output of ~~said~~ the at least one home appliance.

26. (Currently Amended) A program recording medium where a home appliance control program is recorded in such a manner as to be readable and executable by a computer, ~~said~~ the control program comprising the steps of:

enabling transmission and reception of an information signal by radio communication to and from a at least one of a plurality of home appliance appliances which ~~supports~~ support audio transmission or reception by ~~said~~ the radio communication and is are remote-controllable by a single radio communication control protocol;

generating, upon arrival of an incoming call, a remote control signal to ~~said~~ the at least one home appliance;

sending the remote control signal to ~~said~~ the at least one home appliance by the radio communication; and

receiving a confirmation signal ~~in one frequency band~~ from ~~said~~ the at least one home appliance indicating that ~~said~~ the at least one home appliance has received ~~said~~ the remote control signal;

~~wherein said radio communication means is simultaneously operable in at least two different frequency bands.~~

27. (Currently Amended) The program recording medium according to claim 26, wherein ~~said~~ the radio communication is and the single control protocol are the Bluetooth communication and control protocols.

28. (Currently Amended) The program recording medium according to claim 26, wherein the audio output of ~~said~~ the at least one home appliance is stopped under control by ~~said~~ the remote control signal.

29. (Currently Amended) The program recording medium according to claim 26, wherein, at ~~said~~ the connection processing step, the connecting process is executed in advance and the connection is maintained or reestablished periodically so as to enable fast transmission and reception of the information signal to and from ~~said~~ the at least one home appliance. appliance without having to reestablish the connection before transmitting a remote control signal or audio data.

30. (Currently Amended) The program recording medium according to claim 26, wherein, at ~~said~~ the connection processing step, the connecting process is executed

upon arrival of an incoming call so as to enable transmission and reception of the information signal to and from ~~said~~ the at least one home appliance.

31. (Currently Amended) The program recording medium according to claim 26, wherein ~~said~~ the control program further comprises a connection releasing step for releasing the connection with ~~said~~ the at least one home appliance upon termination of the call.

32. (Currently Amended) The program recording medium according to claim 26 wherein, at ~~said~~ the remote control signal generating step, the remote control signal is simultaneously generated, upon arrival of an incoming call, to a the plurality of ~~said~~ home appliances.

33. (Currently Amended) The program recording medium according to claim 26 wherein, at ~~said~~ the remote control signal generating step, the remote control signal is acquired in advance from ~~said~~ the at least one home appliance.

34. (Original) The program recording medium according to claim 28, wherein the control for stopping the audio output is a control to pause the playing operation.

35. (Original) The program recording medium according to claim 28, wherein the control for stopping the audio output is a control to mute the sound.

36. (Currently Amended) The program recording medium according to claim 28, wherein the remote control signal further serves to execute another control for sending an incoming-call notice tone to ~~said~~ the at least one home appliance, wherein audio data for the notice is received and reproduced by the home appliance.

37. (Currently Amended) The program recording medium according to claim 28, wherein the remote control signal further serves to execute, upon termination of the call, another control for resuming the audio output of ~~said~~ the at least one home appliance.